

Converting Colors

Hex(AB5DC7)

Have a look what the booklet for
Hex(AB5DC7) contains.

Hex(AB5DC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**AB5DC7**)

Conversions

Conversions Part 1

Format	Color
Hex	AB5DC7
RGB	171, 93, 199
RGB Percent	67%, 36%, 78%
CMY	0.3294, 0.6353, 0.2196
CMYK	0.14, 0.53, 0.00, 0.22
HSL	284°, 49%, 57%
HSV	284°, 53%, 78%
XYZ	31.0177, 20.6101, 56.3762
YIQ	128.4060, 12.4620, 49.5020

Conversions

Conversions Part 2

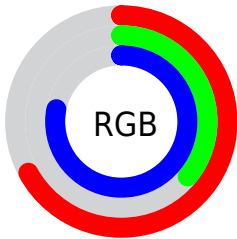
Format	Color
RYB	171, 93, 199
Decimal	11230663
CIELab	52.52, 48.89, -42.46
CIElCh	53, 64.757, 319.028
Yxy	20.6101, 0.2872, 0.1908
Android (android.graphics.Color)	4289420743 (0xFFAB5DC7)
YUV	128.4060, 34.8028, 37.3549
Hunter-Lab	45.3984, 42.5101, -41.8480

Details

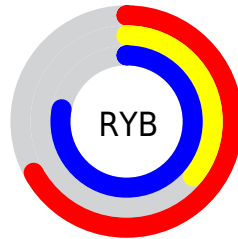
The Hex color **AB5DC7** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **79C75D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E492FF**, and **742990** is the 20% darker color. If you saturate the color by 10%, you get **A649C7**, and if you desaturate by 10%, it is **B071C7**.

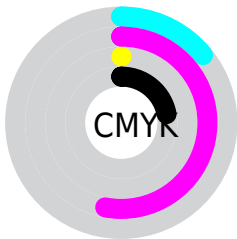
Distribution



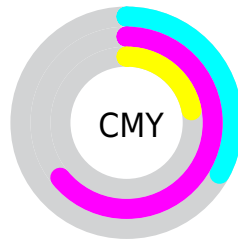
- Red (67%)
- Green (36%)
- Blue (78%)



- Red (67%)
- Yellow (36%)
- Blue (78%)



- Cyan (14%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB5DC7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AB5DC7 by changing the saturation by 10% instead.

 AB5DC7

 AB5DC7

FFFFFF

 8F43AB

 E492FF

 742990

 FFAEFF

 590976

 FFCAFF

 3F005D

 FFE6FF

 270045

 02002E

 000118

 000000

 AB5DC7

 AB5DC7

 A649C7

 B071C7

 A035C7

 B685C7

 9B21C7

 BB99C7

 960DC7

 C0ADC7

 9200C7

 C5C1C7

 CBD4C7

 D0E8C7

 D5FCC7

 DAFFC7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4C77E7



AB5DC7



D64494

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AB5DC7



A87300



0097A0

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AB5DC7



79C75D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009566



AB5DC7



758500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AB5DC7



CD5B29



29902D



0093D1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AB5DC7



DF406F



29902D



00978D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AB5DC7



F4D6FF



5D79C7



796780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AB5DC7



D45CFF



C75DAE



615A63



7800A3



1A0024

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C75D79



FF5C87



5DC776



635A5C



A3002B



240009

Previews

White Background



This preview shows how the Hex color AB5DC7 looks on a white background.

Color Contrast Check

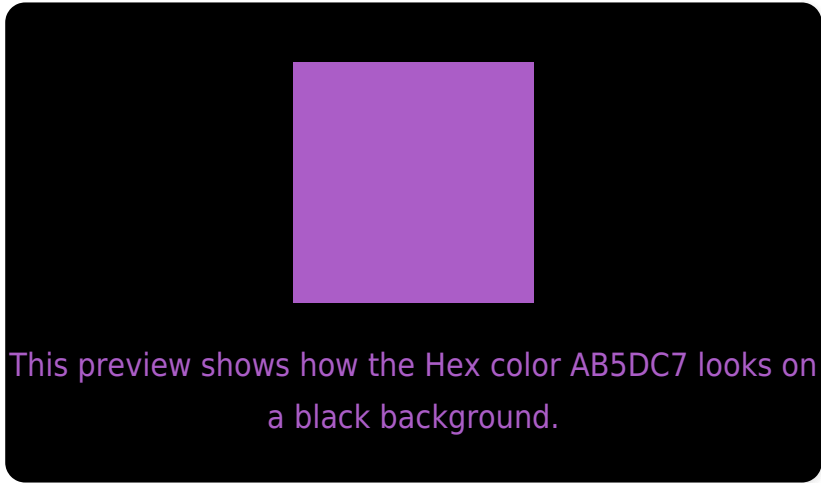
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

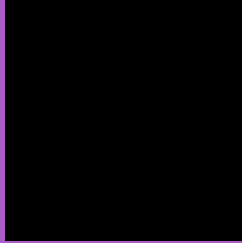
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AB5DC7 Background



This preview shows how black text looks on a background with the Hex color AB5DC7.

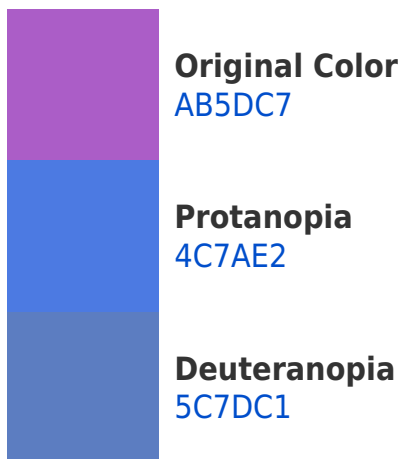


This preview shows how white text looks on a background with the Hex color AB5DC7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

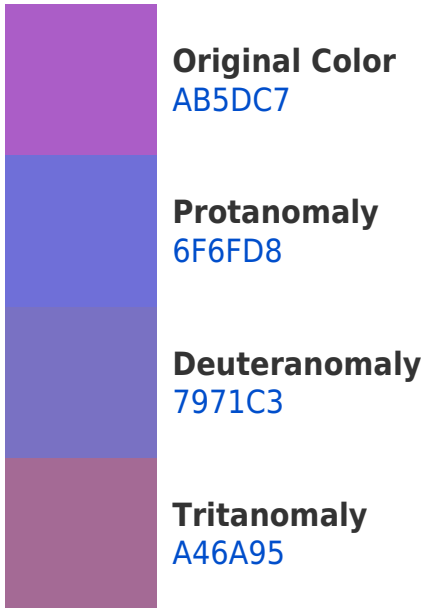
Dichromacy



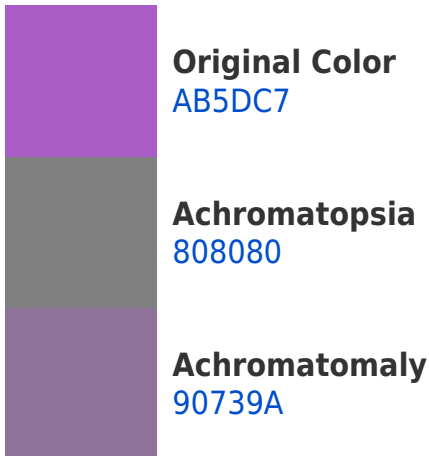


Tritanopia
A07179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB5DC7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AB5DC7 looks like.

```
.text, #text, p{  
    color:#AB5DC7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AB5DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5DC7
}
```

Border

The CSS property to change the border of an element to Hex AB5DC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

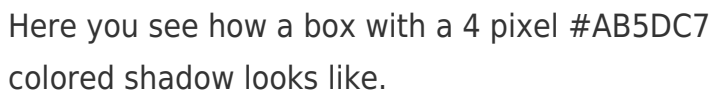
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5DC7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AB5DC7 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#AB5DC7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5DC7; -webkit-box-shadow:4px 4px  
4px 4px #AB5DC7; box-shadow:4px 4px 4px  
4px #AB5DC7 }
```

Background

The CSS property to change the background color of an element to Hex AB5DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5DC7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AB5DC7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor